

Errata 1

Issued March 27, 2013

AGA Report No. 6

Field Proving of Gas Meters Using Transfer Methods

Equation C.11 (Page 39):

Shown in the document as –

$$U^2 \left[1 - \frac{a}{bc} (\rho_f - \rho_i) \right] \leq \left\{ \begin{array}{l} \left[\frac{\bar{a}}{\bar{bc}} (\bar{\rho}_f - \bar{\rho}_i) \right]^2 [U^2(a) + U^2(b) + U^2(c)] + \left[\frac{\bar{a}}{\bar{bc}} \right]^2 \\ X [\bar{\rho}_f^2 U^2(\rho_f) + \bar{\rho}_i^2 U^2(\rho_i) + 2r_{\rho_f \rho_i} \bar{\rho}_f \bar{\rho}_i U(\rho_f) U(\rho_i)] \end{array} \right\}$$

Correction:

$$U^2 \left[1 - \frac{a}{bc} (\rho_f - \rho_i) \right] \leq \left\{ \begin{array}{l} \left[\frac{\bar{a}}{\bar{bc}} (\bar{\rho}_f - \bar{\rho}_i) \right]^2 [U^2(a) + U^2(b) + U^2(c)] + \left[\frac{\bar{a}}{\bar{bc}} \right]^2 \\ + [\bar{\rho}_f^2 U^2(\rho_f) + \bar{\rho}_i^2 U^2(\rho_i) + 2r_{\rho_f \rho_i} \bar{\rho}_f \bar{\rho}_i U(\rho_f) U(\rho_i)] \end{array} \right\}$$

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Catalog # XQ1302

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